

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

Listing of Claims:

Claims 1-32 (Cancelled):

Claim 33 (New) An antenna glazing for automobiles, comprising:

an electrically conducting cladding extending over a surface of the glazing, an edge zone around an outer periphery of the glazing being free of the cladding, said cladding serving as antenna element; and

a coupling electrode including external connections and a wire, said electrode being capacitively coupled to the cladding through an insulating layer,

wherein the wire includes two ends electrically connected with the external connections, the two ends located at the edge zone, and the wire is arranged such that one end of the two ends is located at the edge zone, is conducted over the surface covered by the cladding, and is returned to the edge zone by forming at least one loop.

Claim 34 (New): The antenna glazing as claimed in claim 33, wherein said wire has a meander-like arrangement on the glazing, with portions of the wire arranged in parallel, and a spacing between portions of the wire that are arranged in parallel to each other are larger than the thickness of the wire.

Claim 35 (New): The antenna glazing as claimed in claim 33, wherein the two ends of the wire of the coupling electrode are placed at different locations of the edge zone.

Claim 36 (New): The antenna glazing as claimed in claim 35, wherein the two ends of the wire of the coupling electrode are placed in two different corners that belong to one edge of the glazing.

Claim 37 (New): The antenna glazing as claimed in claim 33, wherein one end of the wire of the coupling electrode is linked to at least one of a receiver or transmitter, and a other end either free or terminated by a matching resistor.

Claim 38 (New): The antenna glazing as claimed in claim 33, further comprising an additional coupling electrode,
wherein the coupling electrode and the additional coupling electrode are arranged in different edges of the glazing.

Claim 39 (New): The antenna glazing as claimed in claim 38, wherein the ends of the wires of the coupling electrodes are placed in a narrow local neighborhood.

Claim 40 (New): The antenna glazing as claimed in claim 38, wherein the coupling electrode is arranged in a side edge of the glazing and the additional coupling electrode is arranged in a longitudinal edge of the glazing.

Claim 41 (New): The antenna glazing as claimed in claim 33, further comprising:
an opaque edge strip at least partially covering the coupling electrode.

Claim 42 (New): The antenna glazing as claimed in claim 33, further comprising:

a connection element configured to establish the external connections for the coupling electrode forming an interface that is linked to the ends of the wire.

Claim 43 (New): The antenna glazing as claimed in claim 42, further comprising:
and adhesive layer fixing the wire to the antenna glazing.

Claim 44 (New): The antenna glazing as claimed in claim 33, further comprising:
at least two layers,
wherein the cladding and the coupling electrode are located inside the at least two layers, and at least one of the ends of the coupling electrode or an interface linked to the ends are conducted outside of the two layers.

Claim 45 (New): The antenna glazing as claimed in claim 33, wherein the the two layers are two rigid planes bonded together by an adhesive layer that forms said insulation layer.

Claim 46 (New): The antenna glazing as claimed in claim 33, wherein the wire has a diameter in a range between 10 μm and 100 μm .

Claim 47 (New): The antenna glazing as claimed in claim 38, where the coupling electrode and the additional coupling electrode form a diversity antenna device.

Claim 48 (New): A method of using the antenna glazing as claimed in claim 33, comprising the steps of:

first supplying an antenna signal to the coupling electrode;

second supplying electrical power to the coupling electrode superimposed to the antenna signal so as to generate heat with the coupling electrode.